

EAST Search History (26 pp.)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 17717 | ((257/98) or (257/99) or (257/678) or (257/684) or (257/727) or (257/730) or (313/483) or (313/498) or (313/499) or (313/501) or (313/505) or (313/506) or (313/512) or (349/58) or (349/62) or (349/64) or (349/66) or (359/581)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 14:38 |
| L2 | 27 | 1 and (LC liquid adj crystal) adj panel.clm. and (recess niche cavity).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/02 14:40 |
| S1 | 6 | "814903".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 12:19 |
| S2 | 25 | organic adj luminescence.ti. and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:08 |
| S3 | 124 | organic adj (EL luminescence).ti. and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:09 |
| S4 | 6 | (US-20040222432-\$ or US-20020134166-\$).did. or (US-6601455-\$ or US-5773465-\$ or US-3633629-\$).did. or (US-5538343-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/08/07 21:56 |
| S5 | 1 | (US-20040222432-\$).did. | US-PGPUB | OR | OFF | 2005/08/07 21:56 |
| S6 | 1 | (US-20040222432-\$).did. | US-PGPUB | OR | OFF | 2005/08/07 21:56 |
| S7 | 1 | (US-20040222432-\$).did. | US-PGPUB | OR | OFF | 2005/08/07 21:56 |
| S8 | 1 | jp-04116619\$-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/07 21:57 |
| S9 | 1 | jp-05249422\$-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/07 21:58 |

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|-----|---|---------------------------|---|----|-----|------------------|
| S10 | 1 | jp-05249423\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/07 21:58 |
| S11 | 2 | jp-10253959\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/07 21:59 |
| S12 | 2 | jp-2000323272\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/07 21:59 |
| S13 | 2 | jp-2002351343\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:06 |
| S14 | 2 | jp-2001100165\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:07 |
| S15 | 2 | jp-2002087844\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:08 |
| S16 | 2 | jp-2002278473\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:09 |
| S17 | 2 | jp-2002318545\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:09 |
| S18 | 2 | jp-2002318547\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:10 |
| S19 | 1 | jp-04116619\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:12 |

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| S20 | 1 | jp-05249422\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:12 |
| S21 | 1 | jp-05249423\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:12 |
| S22 | 2 | jp-10253959\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:12 |
| S23 | 2 | jp-2000323272\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:12 |
| S24 | 19 | S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:13 |
| S25 | 906 | el adj device.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:25 |
| S26 | 3380 | organic adj (electroluminescen\$2 el) adj device.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:25 |
| S27 | 1414 | organic adj (electroluminescen\$2 el) adj device.ti. and (light-emitting light adj emitting) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:26 |
| S28 | 1105 | organic adj (electroluminescen\$2 el) adj device.ti. and (light-emitting light adj emitting). ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 07:26 |
| S29 | 0 | organic adj (electroluminescen\$2 el) adj device.ti. and (light-emitting light adj emitting). ti,ab,clm. and recess near4 (LC liquid adj crystal) adj panel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 07:27 |

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| S30 | 0 | organic adj (electroluminescen\$2 el) adj device.ti. and (light-emitting light adj emitting). ti,ab,clm. and recess and (LC liquid adj crystal) adj panel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 07:27 |
| S31 | 5 | organic adj (electroluminescen\$2 el) adj device.ti. and (light-emitting light adj emitting). ti,ab,clm. and (LC liquid adj crystal) adj panel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 07:53 |
| S32 | 76 | organic adj electroluminescen\$2 and (liquid adj crystal LC adj panel LCD) and (reduc\$4 near4 thickness thinness thin thick) and (cavity recess opening trench groove) and (roughness peak-to-valley rough "R.sub.max") and (diffusion spreader spreading prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:06 |
| S33 | 6832 | ((257/79) or (257/98) or (257/99) or (349/58) or (349/62) or (349/64) or (349/66) or (349/69)). CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 08:04 |
| S34 | 1 | S32 and S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 08:04 |
| S35 | 78 | organic adj electroluminescen\$2 and (liquid adj crystal LC adj panel LCD) and (cavity recess opening trench groove) and (roughness peak-to-valley rough "R.sub.max") and (diffusion spreader spreading prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:07 |
| S36 | 2 | S33 and S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:07 |
| S37 | 430 | (electroluminescen\$2 EL adj2 (element device)) and (liquid adj crystal LC adj panel LCD) and (cavity recess opening trench groove) and (roughness peak-to-valley rough "R.sub.max") and (diffusion spreader spreading prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:11 |

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| S38 | 21 | S33 and S37 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:08 |
| S39 | 411 | (electroluminescen\$2 EL adj2 (element device)) and (liquid adj crystal LC adj panel LCD) and (cavity recess opening trench holder) and (roughness peak-to-valley rough "R.sub.max") and (diffusion spreader spreading prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:11 |
| S40 | 21 | S33 and S39 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:11 |
| S41 | 3 | S40 not S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:12 |
| S42 | 341 | (349/64).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 08:19 |
| S43 | 5 | "292595".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 08:28 |
| S44 | 79 | S42 and (recess opening) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 08:28 |
| S45 | 1263 | (recess opening holding adj area holder) near6 (optical adj element member prism diffusion spreader) and transparent near4 substrate and (light-emitting electroluminescen\$2 light adj emitting laser) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 09:12 |

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| S46 | 612 | (recess opening holding adj area holder) near6 (optical adj element member prism diffusion spreader) and transparent near4 substrate and (light-emitting electroluminescen\$2 light adj emitting laser) and (liquid adj crystal LCD LC adj panel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 09:13 |
| S47 | 252 | (recess opening holding adj area holder) near6 (optical adj element member prism diffusion spreader) and transparent near4 substrate and (light-emitting electroluminescen\$2 light adj emitting laser) and (liquid adj crystal LCD LC adj panel) and ("257"/\$7.ccls. "438"/\$7.ccls. "349"/\$7.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 09:59 |
| S48 | 57 | (recess cup) near6 (optical adj element member prism diffusion spreader) and transparent near4 substrate and (light-emitting electroluminescen\$2 light adj emitting laser) and (liquid adj crystal LCD LC adj panel) and ("257"/\$7.ccls. "438"/\$7.ccls. "349"/\$7.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 14:03 |
| S49 | 139011 | (recess cup) near6 (optical adj element member prism diffusion spreader) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 14:04 |
| S50 | 74861 | (recess cup) near6 (optical adj element member prism diffusion spreader).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 14:04 |
| S51 | 162 | quinto.xa. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 14:05 |
| S52 | 126 | mondt.xa. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 14:05 |

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| S53 | 1668 | active adj layer near10 (method step).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 14:22 |
| S56 | 284 | active adj layer near10 (method step).clm. and (GaN gallium adj nitride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 15:44 |
| S57 | 284 | active adj layer near10 (method step).clm. and (GaN gallium adj nitride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 15:44 |
| S58 | 691 | HOUSING NEAR4 LIQUID ADJ CRYSTAL.TI,AB,CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 15:49 |
| S59 | 1154 | HOUSING NEAR4 (LIQUID ADJ CRYSTAL).TI,AB,CLM. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 15:49 |
| S60 | 226 | HOUSING NEAR4 (LIQUID ADJ CRYSTAL).TI,AB,CLM. and (recess opening holder slit cup) near20 (liquid adj crystal LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 15:52 |
| S61 | 226 | HOUSING NEAR4 (LIQUID ADJ CRYSTAL).TI,AB,CLM. and (recess opening holder slit cup) near20 ((anode cathode) adj (layer region) liquid adj crystal LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 15:53 |
| S62 | 0 | HOUSING NEAR4 (LIQUID ADJ CRYSTAL).TI,AB,CLM. and (recess opening holder slit cup) near20 ((anode cathode) adj (layer region)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 15:54 |
| S63 | 0 | HOUSING NEAR4 (LIQUID ADJ CRYSTAL) and (recess opening holder slit cup) near20 ((anode cathode) adj (layer region)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 15:54 |
| S64 | 19 | HOUSING NEAR4 (LIQUID ADJ CRYSTAL) and ((recess opening holder slit cup) near20 (anode cathode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 16:17 |

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| S65 | 4468 | ((257/678) or (257/684) or (257/727) or (257/730)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 16:21 |
| S66 | 34 | S65 and (recess opening cup holder) near4 (optical liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/08 16:21 |
| S67 | 2 | (US-5296724-\$ or US-4355321-\$). did. | USPAT | OR | OFF | 2005/08/08 16:24 |
| S68 | 1 | "5870160".pn. and "MD" and "SPC" and "SL" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 08:58 |
| S69 | 1 | "5870160".pn. and "MD" and "SPC" and "SL" and backlight | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 08:58 |
| S70 | 72 | liquid adj crystal adj display.ti,ab, clm. and spacer near6 ITO | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 09:41 |
| S71 | 13 | liquid adj crystal adj display.ti,ab, clm. and spacer near2 ITO | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 09:52 |
| S72 | 184 | liquid adj crystal adj display.ti,ab, clm. and spacer near2 (transparent translucent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 09:53 |
| S73 | 67 | liquid adj crystal adj display.ti,ab, clm. and spacer near1 (transparent translucent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 10:42 |
| S74 | 1148 | (nonmagnetic non-magnetic) near1 metals | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 10:43 |

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| S75 | 265 | (nonmagnetic non-magnetic) near1 metals.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 10:43 |
| S76 | 4 | ITO adj spacer and liquid adj crystal adj display | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 11:32 |
| S77 | 4 | ITO adj spacer and liquid adj crystal adj display and ITO same spacer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/10 13:31 |
| S78 | 4003 | diffusion adj (plate sheet) and (liquid adj crystal adj (device display panel) LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:32 |
| S79 | 3031 | diffusion adj (plate sheet) and (liquid adj crystal adj (device display panel) LCD).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:33 |
| S80 | 1978 | diffusion adj (plate sheet).ti,ab, clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab, clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:33 |
| S81 | 1068 | diffusion adj (plate sheet).ti,ab, clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab, clm. and (backlight back-light "back" adj light) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:33 |
| S82 | 13 | diffusion adj (plate sheet).ti,ab, clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab, clm. and (backlight back-light "back" adj light) and organic adj electroluminescen\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:39 |
| S83 | 1 | diffusion adj (plate sheet).ti,ab, clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab, clm. and (backlight back-light "back" adj light) near6 organic adj electroluminescen\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:36 |

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| S84 | 3 | diffusion adj (plate sheet) and (liquid adj crystal adj (device display panel) LCD).ti,ab,clm. and (backlight back-light "back" adj light) near6 organic adj electroluminescen\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:36 |
| S85 | 13 | (spreading diffusion) adj (plate sheet).ti,ab,clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab,clm. and (backlight back-light "back" adj light) and organic adj electroluminescen\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:41 |
| S86 | 1075 | (spreading diffusion) adj (plate sheet).ti,ab,clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab,clm. and (backlight back-light "back" adj light) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:41 |
| S87 | 1000 | (spreading diffusion) adj (plate sheet).ti,ab,clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab,clm. and (backlight back-light "back" adj light).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:44 |
| S88 | 15 | (spreading diffusion) adj (plate sheet).ti,ab,clm. and (liquid adj crystal adj (device display panel) LCD).ti,ab,clm. and (backlight back-light "back" adj light).ti,ab,clm. and roughness | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:49 |
| S89 | 8059 | (backlight backadj light back-light) near4 (organic adj EL organic adj electroluminescen\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:50 |
| S90 | 300 | (backlight back adj light back-light) near4 (organic adj EL organic adj electroluminescen\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 13:50 |
| S91 | 235 | (backlight back adj light back-light) near4 (organic adj EL organic adj electroluminescen\$2) and (liquid adj crystal adj (device display) LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:54 |
| S92 | 1866 | transparent near2 silica | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:54 |

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|----------|------|--|---|----|----|------------------|
| S93 | 0 | transparent near1 silica near4 spacer and (liquid adj crystal adj (device display) LCD).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:55 |
| S94 | 0 | transparent near1 silica near4 spacer and (liquid adj crystal adj (device display) LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:55 |
| S95 | 5 | transparent near4 silica near4 spacer and (liquid adj crystal adj (device display) LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:56 |
| S96 | 995 | transparent near3 spacer and (liquid adj crystal adj (device display) LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:56 |
| S97 | 663 | transparent near3 spacer and (liquid adj crystal adj (device display) LCD).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 14:56 |
| S98 | 361 | transparent near3 spacer.ti,ab,clm. and (liquid adj crystal adj (device display) LCD).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 15:42 |
| S99 | 13 | (ITO near3 spacer).ti,ab,clm. and (liquid adj crystal adj (device display) LCD).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 16:36 |
| S10 0 | 2 | jp-2002182852\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:00 |
| S10 1 | 1803 | diffusion adj (sheet plate plane) and liquid adj crystal adj display.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:01 |
| S10 2 | 1149 | diffusion adj (sheet plate plane).ti,ab,clm. and liquid adj crystal adj display.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:02 |

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|----------|---|--|---|----|----|------------------|
| S10 3 | 0 | diffusion adj (sheet plate plane).ti, ab,clm. and liquid adj crystal adj display.ti. and diffusion adj (sheet plate plane) near10 roughness near20 ".mu.m" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:03 |
| S10 4 | 0 | diffusion adj (sheet plate plane).ti, ab,clm. and liquid adj crystal adj display.ti. and diffusion adj (sheet plate plane) near10 roughness near10 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:03 |
| S10 5 | 0 | diffusion adj (sheet plate plane) and liquid adj crystal adj display.ti. and diffusion adj (sheet plate plane) near10 roughness near10 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:05 |
| S10 6 | 0 | diffusion adj (sheet plate plane) and polari?er.ti,ab,clm. and diffusion adj (sheet plate plane) near10 roughness near10 ("mu. m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:06 |
| S10 7 | 0 | diffusion adj (sheet plate plane) and polari?er and diffusion adj (sheet plate plane) near10 roughness near10 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:06 |
| S10 8 | 0 | polari?er and diffusion adj (sheet plate plane) near10 roughness near10 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:06 |
| S10 9 | 0 | polari?er and diffusion adj (sheet plate plane) same roughness and roughness near10 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:07 |
| S11 0 | 0 | polari?er and diffusion adj (sheet plate plane) near20 roughness and roughness near10 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:07 |
| S11 1 | 0 | polari?er and diffusion adj (sheet plate plane) near20 roughness and roughness near20 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:07 |
| S11 2 | 0 | polari?er and diffusion adj (sheet plate plane) near20 (P-v peak-to-valley roughness) and roughness near20 ("mu.m" micron) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:09 |

EAST Search History

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|----------|------|---|---|----|-----|------------------|
| S11 3 | 2616 | liquid adj crystal adj (device display).ti,ab,clm. and diffusion adj (sheet plate plane) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:09 |
| S11 4 | 374 | liquid adj crystal adj (device display).ti,ab,clm. and diffusion adj (sheet plate plane) and polarizer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:10 |
| S11 5 | 125 | liquid adj crystal adj (device display).ti,ab,clm. and diffusion adj (sheet plate plane) and polarizer and spacer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:11 |
| S11 6 | 6 | liquid adj crystal adj (device display).ti,ab,clm. and diffusion adj (sheet plate plane) and polarizer near4 front and spacer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:15 |
| S11 7 | 27 | liquid adj crystal adj (device display).ti,ab,clm. and diffusion adj (sheet plate plane) and polarizer near4 diffusion and spacer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:17 |
| S11 8 | 4 | lens near20 roughness near20 (backlight back adj light back-light) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/10 17:17 |
| S11 9 | 3 | (anti-glare antiglae Newton) near6 glass adj substrate near6 (rough roughened roughening roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/11 07:14 |
| S12 0 | 3 | (anti-glare antiglare Newton) near6 glass adj substrate near6 (rough roughened roughening roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/11 07:14 |
| S12 1 | 4 | (anti-glare antiglare Newton) near6 glass near1 substrate near6 (rough roughened roughening roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/11 07:15 |
| S12 2 | 5 | (anti-glare antiglare Newton) near6 glass near1 substrate near6 (rough roughened roughening roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 07:15 |

EAST Search History

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|----------|-----|--|---|----|-----|------------------|
| S12 3 | 5 | (anti-glare antiglare Newton) near6 glass near1 substrate near6 (rough roughened roughening roughness) and (liquid adj crystal CD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 07:15 |
| S12 4 | 2 | (anti-glare antiglare Newton) near6 glass near1 substrate near6 (rough roughened roughening roughness) and (liquid adj crystal LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 09:11 |
| S12 5 | 2 | ("6049370").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/11 08:45 |
| S12 6 | 2 | S125 and (spacer ITO) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/11 08:45 |
| S12 7 | 213 | glass near1 substrate near4 (rough roughened roughening roughness antiglare anti-glare Newton) and (liquid adj crystal LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 09:13 |
| S12 8 | 48 | glass near1 substrate near4 (rough roughened roughening roughness antiglare anti-glare Newton) and (liquid adj crystal LCD) and (back-light backlight "back" adj "light") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 09:21 |
| S12 9 | 48 | glass near1 substrate near4 (rough roughened roughening roughness antiglare anti-glare Newton) and (liquid adj crystal LCD) and (back-light backlight "back" adj "light") and glass adj substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 09:32 |
| S13 0 | 40 | glass near1 substrate near4 (rough roughened roughening roughness antiglare anti-glare Newton) and (liquid adj crystal LCD) and (back-light backlight "back" adj "light") and glass adj substrate and (rough roughness roughened) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 09:44 |

EAST Search History

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|----------|----|--|---|----|----|------------------|
| S13 1 | 49 | (transparent glass) near1 substrate near4 (rough roughened roughening roughness antiglare anti-glare Newton) and (liquid adj crystal LCD) and (back-light backlight "back" adj "light") and glass adj substrate and (rough roughness roughened) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 09:59 |
| S13 2 | 13 | concave near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 10:00 |
| S13 3 | 22 | (convex concave) near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 10:07 |
| S13 4 | 4 | (convex concave) near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare) and (polarizer polarizing) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 10:50 |
| S13 5 | 2 | jp-2003004903\$-\$\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 10:10 |
| S13 6 | 4 | (convex concave) near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare anti-dazzle anti adj dazzle) and (polarizer polarizing) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 10:52 |
| S13 7 | 9 | (convex concave recess holder receiving cup opening aperture niche bay indentation indent indented) near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare anti-dazzle anti adj dazzle) and (polarizer polarizing) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 10:54 |
| S13 8 | 5 | (convex concave recess holder receiving cup opening aperture niche bay indentation indent indented) near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare anti-dazzle anti adj dazzle) and (polarizer polarizing) and recess | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:00 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S13 9 | 83 | (convex concave recess holder receiving cup opening aperture niche bay indentation indent indented) near4 (glass transparent translucent) near4 (rough roughness roughened anti-glare antiglare anti-dazzle anti adj dazzle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:50 |
| S14 0 | 0 | jp-5242631\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:12 |
| S14 1 | 0 | jp-35242631\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:12 |
| S14 2 | 0 | jp-352042631\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:13 |
| S14 3 | 1 | jp-52042631\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:13 |
| S14 4 | 32467 | (convex concave) near1 lens | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:51 |
| S14 5 | 27 | (convex concave) near1 lens near6 (peak-to-valley p-v roughened roughen rough roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 11:59 |
| S14 6 | 18 | (convex concave) near4 transparent near4 (layer film plate plane substrate) same (peak-to-valley p-v roughened roughen rough roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:03 |
| S14 7 | 75 | (convex concave recess indented indentation recessed opening aperture trench groove holder) near4 transparent near4 (layer film plate plane substrate) same (peak-to-valley p-v roughened roughen rough roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:04 |

EAST Search History

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|----------|------|--|---|----|-----|------------------|
| S14 8 | 77 | (convex concave recess indented indentation recessed opening aperture trench groove holder) near4 (translucent transparent) near4 (layer film plate plane substrate) same (peak-to-valley p-v roughened roughen rough roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:20 |
| S14 9 | 2 | jp-10288705\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:31 |
| S15 0 | 896 | black adj matrix.ti. and liquid adj crystal.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:32 |
| S15 1 | 601 | black adj matrix.ti. and liquid adj crystal.ti,ab,clm. and colo\$1r adj filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:32 |
| S15 2 | 150 | black adj matrix.ti. and liquid adj crystal.ti,ab,clm. and colo\$1r adj filter and transparent adj substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:33 |
| S15 3 | 150 | black adj matrix.ti. and liquid adj crystal.ti,ab,clm. and colo\$1r adj filter and transparent adj substrate and black adj matrix | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:34 |
| S15 4 | 27 | black adj matrix.ti. and liquid adj crystal.ti,ab,clm. and colo\$1r adj filter and transparent adj substrate and black adj matrix and (backlight back adj light) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/11 12:34 |
| S15 5 | 5 | ((("5870160") or ("6049370"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/25 21:10 |
| S15 6 | 2384 | (257/98).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/25 21:10 |

EAST Search History

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|----------|------|---|---|----|----|------------------|
| S15 7 | 9 | S156 and substrate near3 (transparent translucent) and (recess indentation indented cavity recessed) near4(lens phosphor fluoresece\$2 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 21:14 |
| S15 8 | 9 | S156 and substrate near3 (transparent translucent) and (recess indentation indented cavity recessed) near4(lens phosphor fluoresece\$2 filter) and (light adj emitting light-emitting laser) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:10 |
| S15 9 | 2 | "20020089624".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:18 |
| S16 0 | 1577 | reflect\$3 near4 (roughness rough) and (light-emitting light adj emitting laser) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:19 |
| S16 1 | 422 | reflect\$3 near4 (roughness rough) and (light-emitting light adj emitting laser) and (LED VCSEL) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:19 |
| S16 2 | 3823 | reflect\$3 near4 (roughness rough)"ti,ab,clm." and (light-emitting light adj emitting laser) and (LED VCSEL) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:19 |
| S16 3 | 46 | reflect\$3 near4 (roughness rough).ti,ab,clm. and (light-emitting light adj emitting laser) and (LED VCSEL) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:21 |
| S16 4 | 7 | reflect\$3 near4 (roughness rough).ti,ab,clm. and (light-emitting light adj emitting laser) and (LED VCSEL) and ("257"/\$7.ccls. "372"/\$7.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:22 |
| S16 5 | 6 | reflect\$3 near4 (roughness rough).ti,ab,clm. and (light-emitting light adj emitting laser) and (LED VCSEL) and ("257"/\$7.ccls. "372"/\$7.ccls.) and roughness | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:27 |

EAST Search History

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|----------|-----|---|---|----|----|------------------|
| S16 6 | 0 | surface adj roughness near4 nm with antireflective | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:28 |
| S16 7 | 0 | surface adj roughness near4 ". micro.m" with antireflective | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:28 |
| S16 8 | 0 | surface adj roughness with antireflective | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:29 |
| S16 9 | 0 | surface adj roughness and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:29 |
| S17 0 | 285 | surface adj roughness and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:29 |
| S17 1 | 41 | surface adj roughness.ti,ab,clm. and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:33 |
| S17 2 | 0 | anti adj reflective near6 surface adj roughness.ti,ab,clm. and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:33 |
| S17 3 | 0 | antireflective near6 surface adj roughness.ti,ab,clm. and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:33 |
| S17 4 | 1 | reflective near6 surface adj roughness.ti,ab,clm. and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:34 |
| S17 5 | 14 | surface adj roughness.ti,ab,clm. and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:36 |

EAST Search History

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|----------|-------|---|---|----|-----|------------------|
| S17 6 | 4 | "6087680" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/25 23:36 |
| S17 7 | 2 | roughness with antireflective with rms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 07:31 |
| S17 8 | 4 | roughness same antireflective same rms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:32 |
| S17 9 | 4 | roughness same antireflective same (root adj mean adj square rms) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:32 |
| S18 0 | 15 | roughness same antireflective same (root adj mean adj square rms average) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:50 |
| S18 1 | 0 | roughness same antireflective same (root adj mean adj square rms average) and (light-emitting light adj emitting) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:35 |
| S18 2 | 0 | roughness same antireflective same (root adj mean adj square rms average) and (light-emitting light adj emitting laser) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:35 |
| S18 3 | 0 | roughness same antireflective same (root adj mean adj square rms average) and (light-emitting light adj emitting laser optoelectronic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:36 |
| S18 4 | 1 | roughness same antireflective same (root adj mean adj square rms average) and (light-emitting light adj emitting laser optoelectronic photodiode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:36 |
| S18 5 | 13573 | ((257/79) or (257/8\$1) or (257/9\$1) or (257/10\$1)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 07:51 |

EAST Search History

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|----------|-----|---|---|----|-----|------------------|
| S18 6 | 0 | S185 and (anti-reflective antireflective) with (surface adj roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:52 |
| S18 7 | 285 | S185 and (surface adj roughness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:52 |
| S18 8 | 0 | S185 and (surface adj roughness) with ".m.m" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 07:52 |
| S18 9 | 65 | S185 and (surface adj roughness) with nm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 09:50 |
| S19 0 | 3 | ("5870160").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 17:02 |
| S19 1 | 2 | ("5633527").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 10:12 |
| S19 2 | 33 | liquid adj crystal adj display and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) and back adj light and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:30 |
| S19 3 | 0 | liquid adj crystal adj display and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) and "349"/\$7.ccls. and back adj light and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:30 |
| S19 4 | 46 | liquid adj crystal adj display near6 (back adj light backlight) and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:46 |

EAST Search History

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|----------|------|--|---|----|----|------------------|
| S19 5 | 0 | liquid adj crystal adj display near6 (back adj light backlight) near6 (monolithically monolithic monolithical) and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:44 |
| S19 6 | 0 | liquid adj crystal adj display near12 (back adj light backlight) near12 (monolithically monolithic monolithical) and (257/79.ccls. 257/8\$1.ccls. 257/9\$1.ccls. 257/10\$1.ccls.) and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:44 |
| S19 7 | 1813 | liquid adj crystal adj display near6 (back adj light backlight) and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:46 |
| S19 8 | 4 | liquid adj crystal adj display near6 (back adj light backlight) near6 monolithic\$4 and (recess recessed cavity indentation indented indent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 10:49 |
| S19 9 | 4 | liquid adj crystal adj display near6 (back adj light backlight) near6 monolithic\$4 and (recess recessed cavity indentation indented indent) and (light adj emitting light-emitting) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 11:06 |
| S20 0 | 4 | liquid adj crystal adj display near6 (back adj light backlight) near6 monolithic\$4 and (recess recessed cavity indentation indented indent) and (light adj emitting light-emitting) and (back adj light backlight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 11:11 |
| S20 1 | 5 | liquid adj crystal adj display near6 (back adj light backlight) near6 monolithic\$4 and (light adj emitting light-emitting) and (back adj light backlight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 11:11 |
| S20 2 | 5 | liquid adj crystal adj display near6 (back adj light backlight) near6 monolithic\$4 and (light adj emitting light-emitting laser) and (back adj light backlight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 11:12 |

EAST Search History

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| S20 3 | 86 | casio.as. and liquid adj crystal and organic adj (EL electroluminescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 15:38 |
| S20 4 | 0 | casio.as. and liquid adj crystal and organic adj (EL electroluminescent) and (recess cavity niche indentation indented) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 15:39 |
| S20 5 | 0 | casio.as. and liquid adj crystal and organic adj (EL electroluminescent) and monolithic | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 15:39 |
| S20 6 | 86 | casio.as. and liquid adj crystal and organic adj (EL electroluminescent) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 15:45 |
| S20 7 | 2 | jp-2000231105\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 15:46 |
| S20 8 | 2 | ("20020089624").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 17:23 |
| S20 9 | 2 | ("6359735").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 17:26 |
| S21 0 | 486 | lens.ti. and roughness.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 17:27 |
| S21 1 | 48 | lens.ti. and roughness.ti,ab,clm. | USPAT | OR | ON | 2006/03/26 17:44 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S21 2 | 16306 | ((257/98) or (257/99) or (257/678) or (257/684) or (257/727) or (257/730) or (313/483) or (313/498) or (313/499) or (313/501) or (313/505) or (313/506) or (313/512) or (349/58) or (349/62) or (349/64) or (349/66) or (359/581)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/26 17:46 |
| S21 3 | 20 | S212 and (light-emitting light adj emitting laser).ti,ab,clm. and organic adj (EL electroluminescen\$2).ti,ab,clm. and (recess niche cavity indentation indent indented indenting recessed).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/26 17:49 |
| S21 4 | 9324 | liquid adj crystal adj panel with (liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/05 16:35 |
| S21 5 | 5731 | liquid adj crystal adj panel with (liquid adj crystal adj display).ti, ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 16:35 |
| S21 6 | 3325 | liquid adj crystal adj panel near6 (liquid adj crystal adj display).ti, ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/05 16:35 |
| S21 7 | 411 | liquid adj crystal adj panel near6 (liquid adj crystal adj display).ti, ab,clm. and @ad<"20030330" | USPAT | OR | ON | 2006/06/05 16:39 |
| S21 8 | 368 | liquid adj crystal adj panel near6 (liquid adj crystal adj display).ti, ab,clm. and @ad<"20020330" | USPAT | OR | ON | 2006/06/05 16:40 |
| S21 9 | 126 | liquid adj crystal adj panel near6 (liquid adj crystal adj display).ti, ab,clm. and @ad<"20020330" and panel near6 layer | USPAT | OR | ON | 2006/06/05 16:44 |
| S22 0 | 126 | liquid adj crystal adj panel near6 (liquid adj crystal adj display).ti, ab,clm. and @ad<"20020330" and panel near6 layer and panel | USPAT | OR | ON | 2006/06/05 16:44 |
| S22 1 | 108 | liquid adj crystal adj panel near6 (liquid adj crystal adj display).ti, ab,clm. and @ad<"20010330" and panel near6 layer and panel | USPAT | OR | ON | 2006/06/05 16:45 |

EAST Search History

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| S22 2 | 2 | jp-2000231105\$-\$.did. | USPAT; JPO; DERWENT | OR | ON | 2006/06/05 16:45 |
| S22 3 | 6 | "814903".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/13 10:43 |
| S22 4 | 1657 | meier.xp. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 10:54 |
| S22 5 | 2 | ("5633527").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 11:19 |
| S22 6 | 0 | jp-2000231105\$-\$.did | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 11:19 |
| S22 7 | 0 | jp-200231105\$-\$.did | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 11:19 |
| S22 8 | 0 | jp-2002231105\$-\$.did | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 11:20 |
| S22 9 | 0 | jp-2000231105\$-\$.did | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 11:20 |
| S23 0 | 0 | jp-2000231105\$-\$.did | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/13 11:22 |
| S23 1 | 2 | ("20020005824").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 14:36 |

EAST Search History

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| S23 2 | 2 | jp-2002006765\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 12:51 |
| S23 3 | 2 | jp-2000231105\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/02 12:52 |